1 Porm 1449/PTO Application Number 0!1/328,768 COLFRAGE Filing Date Aα il 9, 2001 INFORMATION DISCLOSURE First Named Inventor R caard A. Hopkin STATEMENT BY APPLICANT Group Art Unit 3:28 Examiner N x Yet Assigned (use as many sheets as necessary) Attorney Docket Number 21486-027

Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	U.S. PATENTIDOCUMENTS:  Name of Patentee(s) or Applicant(s)	<u> </u>	Water Barrer	
30		4,707,998	<b></b>	Tatentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate
	AA		09/24/87	Linner et al.	- 62		11 Appropria
	AB	4,745,771	05/23/88	Linner et al.	<del></del>	349	<u> </u>
	AC	4,807,442	02/28/89		62	264	1
1-1	AD	4,865,871	+	Linner et al.	62	55.5	<del></del>
	ΑD		09/12/89	Livesay et al.	422	+	<del> </del>
$\perp$ 1	AE	4,963,489	10/16/90	Naughton et al.	.427	4	<u> </u>
$\Gamma 71$	AF	4,964,280	10/23/90		435	240.1	
1/-		5,044,165	10/23/90	Piunno et al.	62	78	<del> </del>
W	AG		09/03/91	Linner et al.		+	<del> </del>
	AH	5,154,007	10/13/92	Piunno et al.	62	55.5	ſ

4			PORDICH PATERIL DOCUMENTS	Maria Tea Booksenvoices	2000
Exam Initials	Cite No.	Poreign Patent Document Office Number	I M	Date of Publication	Translation
23	BA	PCT WO 96/03093	Vesely et al.		Yes No
53	BB	PCT WO 96/08213	Naughton et al.	02/08/9-;	
_				03/21/9-;	

Exam Initials	Cite No.	OTHERNON PATENT LITTERATURE DOCUMENTS:  Name of Author, Title (when appropriate), Publication, Volume, Page(s), Data, Esc.	<u>andreas and a second s</u>
28	CA	GENBANK Accession No. M27968 or J04513	
1	СВ	GENBANK Accession No. AF092127, AF092125, or M32977	
	CC	GENBANK Accession No. M26179	
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	CE	GENBANK Accession No. J04431	
	CF	GENBANK Accession No. U06669	
17	CG	GENBANK Accession No. M33216	
	СН	GENBANK Accession No. M20642	
<b>CS</b> (4)	CI	GENBANK Accession No. X68969	

\* a copy of this reference is not provided as it was previously cited by or submitted to the office in a price application, U.S.S.N. \_\_\_\_\_\_, filed \_\_\_\_\_, and relied upon for an earlier filing date under 35 U.S.C. §120 \_\_\_\_\_\_, and divisional applications).

Examiner Signature		- 00	Date		<del></del>
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EXAMINER: Initial if reference considered whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered.

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

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09 828,768
09 828,768 P.
Richard A. Hopkins
37.18
Not Yet Assigned
21.86-027

Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date		Territoria i	Continued in	di de crido de
20		5,266,480		Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date
	Al		11/30/93	Naughton et al.	425		If Appropriat
_l_	٠ AJ	5,275,954	01/04/94	Wolfinbarger et al.	435	240.243	
	AK	5,336,616	08/09/94	·	436	.74	
_	1		08/09/94	Livesey et al.	435	240.2	
	AL	5,364,756	11/15/94	Livesey et al.	435	<del></del>	<del> </del>
	AM	5,460,939	10/24/95	Hansbrough et al.		2	
	AN	5,531,791	07/02/96	<del></del>	435	1.1	
1	AO	5,556,379	<del> </del>	Wolfinbarger	623	16 .	
	-		09/17/96	Wolfinbarger	604	49	
_	AP	5,622,867	04/22/97	Livesey et al.	<del></del>	<del> </del> -	
V	AQ	5,714,582	02/03/98	Wolfinbarger	436	18	
35	AR	5,770,193			530	356	
200	1		06/23/98	Vacanti et al.	424	93.7	

xam nitials	Cite No.	OTHER NON PATENT LITERATURE DOCUMENTS:  Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
23	Cì	Vol. III. Grune and Stratton Inc. pp. 1-29
	CK	Chillici Ci al., Collagen Processing Constitution
	CL	Term Cultures Supplemented with Ascorbic Acid," 1989, Exp. Cell Res. 181:183-191  Harris et al., "Silicone Rubber Substrata: A New Wrinkle in the Study of Cell Locomotion," 1980, Science 208:177  Hilbert et al., "Allograft heart valves: the solve of the study of Cell Locomotion," 1980, Science 208:177
	СМ	Thoracis and Carjovascular Surgery 117 (2) the role of apoptosis mediated cell loss," Journal of
	CN	Khouw et al., 'TGF-β and bFGF affect the differentiation of proliferating porcine fibroblasts in tu myofibroblasts in a size. B
	СО	Michigan Pula structural and Sunctional
	СР	Cardiovasc, Surg. 118-36-41
33	CQ	Omstead et al., "Voluntary Guidance for the Development of Tissue-Engineered Products," Tissi e Engineering, 4(3):239-266

23 °0	Cardiovasc. Surg. 118:36-41 Omstead et al., "Voluntary Guidance for the 1998.	Development of Tissue-Eng	alves After Cryopreserv.tt on," 1999, J. Thoracis and gineered Products," Tissi e Engineering, 4(3):239-266
* a copy of this r U.S.S.N (continuation, con	eference is not provided as it was previou, filed ntinuation-in-part, and divisional applicati	sly cited by or submitted	to the office in a pri 3: application, earlier filing date und 27 35 U.S.C. §120
Examiner Signature	ial if for		Date Considered ULMQ TR 200°

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; I raw line through citation if not in conformance and not considered.

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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	Technology of 2003
Application Number	0:1/328,768
Filing Date	Ap il 9, 2001
First Named Inventor	R chard A. Hopkins
Group Art Unit	3.738
Examiner	
	No Yet Assigned
Attorney Docket Number	21486-027

xam nitials	Cite No.	U.S. Patent Document No.	Issue Date	U.S. PATENT DUCUMENTS  Name of Patentee(s) or Applicant(s)	Class	Sub	PRINT DA
23	AS	5,770,417	06/23/98	Vacanti et al.	Ciasi	Class	Filing Date If Appropria
77	AT	5,780,295	07/14/98	Livesey et al.	435	180	
	AU	5,797,871	08/25/98		435	307	·
	AV	5,820,581	10/13/98	Wolfinbarger	604	49	
	AW	5,842,182	09/24/98	Wolfinbarger	604	49	
╂╼╌╁	AX	5,843,182	<del> </del>	Bonner et al.	705	32	
<del>}+</del>	AY	5,855,610	12/01/98	Goldstein	623	2	·
╟──┼	AZ	5,879,876	01/05/99	Vacanti et al.	623	11	
<del></del> -	AAA	5,899,937	03/09/99	Wolfinbarger et al.	435	1.2	· <del></del>
╟──┼	AAB	5,919,614	05/04/99	Goldstein et al.	623	2	
<b>}-/-</b>  -	AAC	5,963,489	07/06/99	Livesey et al.	435	2	
5		5,976,104	. 10/05/99	Kirihata et al.	365	200	· · · · · · · · · · · · · · · · · · ·
OL	AAD	3,370,104	11/02/99	Wolfinbarger	604	49	<del></del>

Exam Initials	Cite No.	OTHER NON PATENT LITERATURE DOCUMENTS  Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
218	CR	Keynaud et al., "Comparative Functional Co. 1
<u>&gt;12</u>	CS	Myofibroblasts and Smooth Muscle Cells," 1999, Cellular and Molecular Biol. 45:1237-1247  Tajima et al., "Regulation of Collagen Synthesis by Ascorbic Acid. Ascorbic Acid Increases Tyn I Procollagen mRNA," 1982  Biochem. Biophys. Res. Commun. 106:632-7

\* a copy of this reference is not provided as it was previously cited by or submitted to the office in a pricr application,
U.S.S.N. \_\_\_\_\_\_\_, filed \_\_\_\_\_\_\_, and relied upon for an earlier filing date under 35 U.S.C. §120

(continuation, continuation-in-part, and divisional applications).

Examiner Signature	9	Jania S.	Blanco	Date Considered	June 7th	2-003
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

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Application Number	09 828,768 OLOGA 200
Filing Date	April 9, 2001 Co.
First Named Inventor	Richard A. Hopkins
Group Art Unit	37:18
Examiner	Not Yet Assigned
Attorney Docket Number	21.86-027

Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate
30	AAE	5,977,034	11/2/99	Wolfinbarger	510	109	11 Appropriate
]	AAF	5,977,432	11/2/99	Wolfinbarger	623	16	<del> </del>
	AAG	5,984,959	11/16/99	Robertson et al.	623	2	<del> </del>
	AAH	6,024,735	02/15/01	Wolfinbarger	604	500	
	AAI	6,189,537	02/20/01	Wolfinbarger	128	898	
	AAJ	6,194,136	02/27/01	Livesey et el.	453	1.3	ļ
	ÄAK	6,200,347	03/13/01	Anderson et al.	623	16.11	
3	AAL	6,221,669	04/24/01	Livesey et al.	436	18	

77	Table.	OTHER NONPATENT LITERATURE DOCUMENTS
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
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		eference is not provided as it was previously cited by or submitted to the office in a pric r application,

Citation if not in conformance and not considered.